

LIST OF PUBLICATIONS

Out of the Thesis

International

1. **TIWARI PRABHUTI**, Maurya DM, Shaikh M, Patidar AK, Vanik N, Padmalal A, Vasaikar S, Chamyal LS. 2021. Surface trace of the active Katrol Hill Fault and estimation of paleo-earthquake magnitude for seismic hazard, Western India. **Engineering Geology, Elsevier**, 295: 106416. DOI: 10.1016/j.enggeo.2021.106416 (IF 6.755)
2. Maurya DM, **TIWARI PRABHUTI**, Shaikh M, Patidar AK, Vanik N, Padmalal A, Chamyal LS. 2021. Late Quaternary drainage reorganization assisted by surface faulting: The example of the Katrol Hill Fault zone, Kachchh, western India. **Earth Surface Processes and Landforms, Wiley**, 46: 1268–1293. DOI: 10.1002/esp.5097 (IF 4.133)

Other publications

International

1. Shaikh MA, Patidar AK, Maurya DM, Vanik NP, Padmalal A, **TIWARI PRABHUTI**, Mukherjee S, Chamyal LS. 2022. Building tectonic framework of a blind active fault zone using field and ground-penetrating radar data. **Journal of Structural Geology, Elsevier**, 155 DOI: 10.1016/j.jsg.2022.104526 (IF 3.571)
2. Vanik N, Maurya DM, Shaikh M, Padmalal A, **TIWARI PRABHUTI**, Chamyal LS. 2021. A tectono-geomorphological perspective of micro-earthquake swarm activity prone areas around Bhavnagar and Jamnagar in Saurashtra, western India. **Quaternary International, Elsevier**, 585: 111–133. DOI: 10.1016/j.quaint.2020.12.041 (IF 2.130)
3. Maurya DM, Chowksey V, **TIWARI PRABHUTI**, Chamyal LS. 2017. Tectonic geomorphology and neotectonic setting of the seismically active South Wagad Fault (SWF), Western India, using field and GPR data. **Acta Geophysica, Springer**, 65: 1167–1184. DOI: 10.1007/s11600-017-0099-5 (IF 2.058)
4. Padmalal A, Maurya DM, Vanik NP, Shaikh MA, **TIWARI PRABHUTI**, Chamyal LS. 2021. Impact of long term uplift on stream networks in tectonically active Northern Hill Range, Kachchh palaeo-rift basin, western India. **Journal of Mountain Science, Springer**, 18: 1609–1629. DOI: 10.1007/s11629-020-6420-9 (IF 2.071)
5. Srivastava A, Dave H, Azad SK, Kumari M, Karwal S, Karma P, **TIWARI PRABHUTI**, Prasad KS. 2021. Iron Modification of Biochar Developed from *Tectona grandis* Linn. F. for Adsorptive Removal of Tetracycline from Aqueous Solution. **Analytical Chemistry Letters, Taylor and Francis**, 11: 360–375. DOI: 10.1080/22297928.2021.1934113 (IF 2.329)
6. Vasaikar S, Maurya DM*, **TIWARI PRABHUTI**, Chamyal LS. Spatial variability of tectonic influences on drainage networks: examples from the Narmada-Tapi interfluvium in Gujarat state, western India. In: Misra AA, Mukherjee S (Eds) Atlas of

Structural Geological and Geomorphological Interpretation of Remote Sensing Images. Wiley Blackwell. Accepted.

7. Patidar AK, Shaikh MA, **TIWARI PRABHUTI**, Maurya DM, Chamyal LS. Surface deformation along Katrol Hill Fault, Kachchh evidenced by satellite and DEM data. In: Misra AA, Mukherjee S (Eds) Atlas of Structural Geological and Geomorphological Interpretation of Remote Sensing Images. Wiley Blackwell. Accepted.

ABSTRACTS PRESENTED IN SEMINARS/ CONFERENCES

International

1. **TIWARI PRABHUTI**, Vanik N, Maurya DM, Shaikh MA, Chamyal LS 2016. Geomorphic Signatures of Possible Causative Fault in Earthquake Swarm Activity Prone Area, Northern Saurashtra, Western India. 9th International Conference on Geomorphology organized jointly by International Association of Geomorphologists and Indian institute of Geomorphologists (IGI) at Vigyan Bhavan, New Delhi from 6th – 11th November, 2017.
2. **TIWARI PRABHUTI**, Maurya DM, Chamyal LS. 2020. Microtextural characteristics of the late Quaternary miliolite sediments of the Katrol Hill range in central mainland Kachchh, Western India: evidence from petrography and SEM studies. International Virtual Conference on "EARTH'S CHANGING CLIMATE: Past, Present & Future" Organized by The Society of Earth Scientists from 15th – 17th October, 2020.

National

1. **TIWARI PRABHUTI**, Maurya DM, Padmalal A, Shaikh MA, Vanik N, Chamyal LS. 2019. Microscopic evidence of neotectonic deformation along the Katrol Hill Fault (KHF), Kachchh, Western India. National Seminar on Geological Aspects of Northwest Indian Shield organized by Mohanlal Sukhadiya University, Udaipur from 15th – 16th March, 2019.
2. **TIWARI PRABHUTI**, Maurya DM, Padmalal A, Shaikh MA, Vanik N, Chamyal LS. 2019. Scanning electron microscopy of Quaternary sediments from Katrol Hill Fault zone, Kachchh, Western India. National Seminar Cum Workshop on RECENT ADVANCES IN THE INDIAN EARTH SCIENCE organized by the Centre of Advanced Study (CAS), Kumaun University, Uttarakhand from 25th – 26th March, 2019.
3. **TIWARI PRABHUTI**, Maurya DM, Vanik N, Padmalal A, Shaikh MA 2019. Deformation of late Quaternary miliolite deposits overlying the active Katrol Hill Fault (KHF) in the Kachchh basin, Western India. National Conference on Earthquake: Investigation & Instrumentation, organized by CSIR-CSIO, Chandigarh from 23rd – 24th September, 2019. (Awarded 1st prize for best poster presentation).